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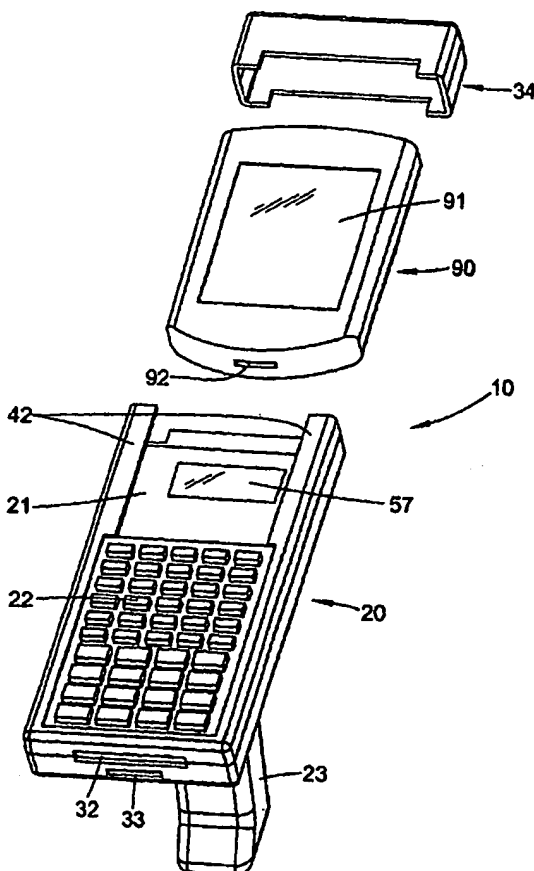
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[Continued on next page]

(54) Title: PORTABLE DATA ENTRY DEVICE WITH A DETACHABLE HOST PDA



(57) Abstract: An apparatus and method are disclosed that can adapt off-the shelf PDA devices (90) to user input/output applications such as data entry applications and cellular phone applications. The resulting apparatus (10) may be sized and shaped to be durable and facilitate handheld operation when the user is mobile during use. The apparatus provides features required for portable data entry such as key entry, barcode scanning, radio frequency identification, and wireless local area network (LAN) as well as wide area network (WAN) communications. The apparatus may be operated (a) in a slave mode with inclusion of a PDA device (90) for use in certain input/output operations that are processor intensive as well as (b) in a stand-alone mode without inclusion of a PDA device (90) for use in certain other input/output operations that are not processor intensive.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04M 1/00
US CL : 455/556.2

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 455/556.2, 556.1, 557, 566, 575.1, 90.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,835,732 A (KIKINIS et al.) 10 November 1998 (10.11.1998), abstract; figs. 5, 11, 17; col. 8: line 55 - col. 9: line 22; col. 14: lines 27-63; col. 17: lines 7-33	1-30
X	US 6,266,539 B1 (PARDO) 24 July 2001 (24.07.2001), figs. 10a, 10b; col. 9: lines 21-27	1, 8, 16, 18, 19, 24
A	US 6,188,917 B1 (LAUREANTI) 13 February 2001 (13.02.2001), abstract, figs. 1-3; col. 2: lines 38-60	1-30

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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AMENDED CLAIMS

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